

APPLICANT(S): YADAV, Satyendra
SERIAL NO.: 10/603,801
FILED: June 26, 2003
Page 2

AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (currently amended) A method comprising:
determining a location of a client by determining a direction of a source of a signal received from said client; and
determining whether to grant ~~[[a]]~~ said client access to a wireless local area network based on ~~[[a]]~~ said location of said client.

Claims 2-6 (cancelled)

7. (currently amended) A method as in claim 1, comprising: ~~determining a location fingerprint of a signal received from said client; and~~
using a location fingerprint to determine ~~[[a]]~~ said location of said client.

Claims 8-10. (cancelled)

11. (currently amended) A method as in claim ~~[[9]]~~ 1, comprising:
defining a boundary of a permitted area; and
recording instances of attempts to gain access to said wireless local area network from outside said boundary.

12-13. (cancelled)

14. (currently amended) A method as in claim 1, comprising accepting signals from a signal receiver of a signal receiver pair wherein a first receiver of said signal receiver pair is to determine a location of a client relative to a permitted area, and a second receiver of said signal receiver pair is to transmit data to said client.

APPLICANT(S): YADAV, Satyendra
SERIAL NO.: 10/603,801
FILED: June 26, 2003
Page 3

15. (currently amended). A system comprising:

~~[[a]] first and second signal receivers to determine a location of a client relative to a permitted area; and~~
a processor to withhold access of said a client to said a wireless local area network if said client is outside of said a permitted area,
wherein said first signal receiver is to determine a location of said client relative to said permitted area, and said second signal receiver is to transmit data to said client.

16-17. (cancelled)

18. (currently amended) A system as in claim 15, ~~comprising two signal receivers, wherein one of said two signal~~ said second receiver[[s]] is an access point, and wherein said first receiver ~~another of said signal receivers~~ includes a wireless component whose location is known.

19-22. (cancelled)

23. (currently amended) A system as in claim 15, wherein said first and second signal receivers ~~[[is a]]~~ are signal receivers of a signal receiver pair.

24-30. (cancelled)

31. (new) The method as in claim 11, comprising excluding said client from access to said network if a known identity of said client corresponds to one or more of said instances of attempts to gain access to said network.

32. (new) A method comprising:

receiving location data of a client at an authentication system of a local area network; and

APPLICANT(S): YADAV, Satyendra
SERIAL NO.: 10/603,801
FILED: June 26, 2003
Page 4

determining whether to grant said client access to a wireless local area network based on said location signal.

33. (new) The method as in claim 32, comprising:
defining a boundary of a permitted area; and
recording instances of an attempt to gain access to said wireless local area network from outside said boundary.
34. (new) The method as in claim 33, comprising excluding said client from access to said network based on a known identity of said client from said recorded instance of an attempt to gain access to said wireless local area network